

In the Claims

1. (currently amended) A method of checking configurations on a network including performing automated remote monitoring of each of a plurality of managed devices in the network, the remote monitoring comprising:

for each port of a plurality of ports of each of said plurality of managed devices on the network, accessing configuration information for each port and its respective associated ~~line~~ link to a respective other device, said configuration information indicating for said each port and said respective other device a respective duplex state and data transmission speed;

applying a series of interrogations to the configuration information to determine whether said each port and associated ~~line~~ link conform to at least one predetermined configuration criterion for each of said duplex state and data transmission speed;

and when the configuration of said each port and associated link does not conform to said at least one predetermined configuration ~~criterion~~ criterion, providing an indication of the non conformity that has been determined.

2. - 11. (cancelled)

12. (previously presented) A method as in claim 1 in which the interrogations determine whether said each port and a port at the other end of said associated link are running the same duplex mode.

13. (currently amended) A method as in claim 12 in which the interrogations determine whether ports at both ends of ~~the~~ said associated link are capable of full duplex operation.

14. (cancelled)

15. (currently amended) A method as in claim 1 in which said respective other device is a managed device and said series of interrogations determine (a) whether said associated link is a trunk link, and (b) whether each port in said trunk link is enabled.

16. - 18. (cancelled)

19. (previously presented) A method as in claim 1 in which the interrogations determine whether auto-negotiation is switched on at both ends of the link.

20. (previously presented) A method as in claim 19 in which the interrogations determine whether said each port has been set to run at a fixed speed less than its maximum capability with auto-negotiation.

21. - 23. (cancelled)

24. (previously presented) A digital data storage medium having stored therein a computer program comprising program instructions for causing a computer to perform the method of claim 1.

25. – 28. (cancelled)